

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,050,603 B2
APPLICATION NO. : 10/017678
DATED : May 23, 2006
INVENTOR(S) : Geoffrey B. Rhoads et al.

Page 1 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Section 56, under U.S. Patent Documents, add the following references:

--3406344 10/15/68 Hopper--
--4025851 5/24/77 Haselwood et al.--
--4237484 12/2/80 Brown et al.--
--4389671 6/21/83 Posner et al.--
--5083224 1/21/92 Hoggendoom et al.--
--5113437 5/12/92 Best et al.--
--5257119 10/26/93 Funada et al.--
--5315448 5/24/94 Ryan--
--5327237 7/5/94 Gerdes et al.--
--5335277 8/2/94 Harvey et al.--
--5387941 2/7/95 Montgomery et al.--
--5404160 4/4/95 Schober et al.--
--5418853 5/23/95 Kanota et al.--
--5453968 9/26/95 Veldhuis et al.--
--5461426 10/24/95 Limberg et al.--
--5481377 1/2/96 Udagawa et al.--
--5510900 4/23/96 Shirochi et al.--
--5513260 4/30/96 Ryan--
--5537216 7/16/96 Yamashita et al.--

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--5539471 7/23/96 Mhyrvold--
--5557333 9/17/96 Jungo et al.--
--5559559 9/24/96 Jungo et al.--
--5574787 11/12/96 Ryan--
--5579124 11/26/96 Aijala et al.--
--5581800 12/3/96 Fardeau et al.--
--5612943 3/18/97 Moses et al.--
--5613004 3/18/97 Cooperman et al.--
--5627655 5/6/97 Okamoto et al.--
--5646997 7/8/97 Barton--
--5659726 8/19/97 Sandford II et al.--
--5739864 4/14/98 Copeland--
--5862260 1/19/99 Rhoads--
--5907443 5/25/99 Hirata--
--5960151 9/28/99 Takahashi--
--5991500 11/23/99 Kanota et al.--
--6341195 1/22/02 Mankovitz et al.--
--6437933 8/20/02 Sugiyama et al.--
--6590997 7/8/03 Rhoads--
--6433946 8/13/02 Ogino--

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--6526449 2/25/03 Philyaw et al.
--5905800 5/18/99 Moskowitz et al.
--6122403 9/19/00 Rhoads--
--6286036 9/4/01 Rhoads--
--6311214 10/30/01 Rhoads--
--6324573 11/2/01 Rhoads--
--6408331 6/18/02 Rhoads--
--6505160 1/7/03 Levy et al--
--6542927 4/1/03 Rhoads--
--6553129 4/22/03 Rhoads--
--6577746 6/10/03 Evans et al.--
--6590998 7/8/03 Rhoads--
--6647130 11/11/03 Rhoads--
--5995105 11/30/95 Reber et al.--
--6512835 1/28/03 Numao et al.--
--6031914 2/29/00 Tewfik et al.--
--6249870 6/19/01 Kobayashi et al.--
--6304345 10/16/01 Patton et al.--
--6334187 12/25/01 Kadono--
--6411725 6/25/02 Rhoads--

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--5841978 11/24/98 Rhoads--

--6324573 11/27/01 Rhoads--

--6408331 6/18/02 Rhoads--

--6614914 9/2/03 Rhoads et al.--

--6434561 8/13/02 Durst, Jr., et al.--

--6542933 4/1/03 Durst, Jr., et al.--

--6456725 9/24/02 Cox et al.--

--6636249 10/21/03 Rekimoto--

--5459583 10/17/95 Nakata--

--5748763 5/5/98 Rhoads--

--5765152 6/9/98 Erickson--

--5841978 11/24/98 Rhoads--

--5845281 12/1/98 Benson et al.--

--5910987 6/8/99 Ginter et al.--

--5943422 8/24/99 Van Wie et al.--

--6112008 8/29/00 Sugita et al.--

--6433946 8/13/02 Ogino--

--6590997 7/8/03 Rhoads--

--20010042043 11/15/01 Shear et al.

--20020034032 3/21/02 Sugiyama et al.--

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--20020054356 5/9/02 Kurita et al.--
--20020120515 8/29/02 Morimoto--
--20020083469 6/27/02 Jeannin et al.--
--20020061118 5/23/02 Tachibana et al.--
--20020066019 5/30/02 Amonou et al--
--20010053237 12/20/01 Hashimoto--
--20020136459 9/26/02 Imagawa et al.--
--20020178368 11/28/02 Yin et al.--
--20020168086 11/14/02 Sugahara--
--20020194480 12/19/02 Nagao--
--20030081779 5/1/03 Ogino--
--20010055407 12/27/01 Rhoads--
--20020016816 2/7/02 Rhoads--
--20010001854 5/24/01 Schena et al.
--20010047426 11/29/01 Hunter--
--20010047428 11/29/01 Hunter--
--20020023148 2/21/02 Ritz et al.--
--20020080396 6/27/02 Silverbrook et al.--
--20020059162 5/16/02 Shinoda et al.
--20020075298 6/20/02 Schena et al.--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

--20040240846 12/2/04 Cookson et al.--

--20050024536 2/3/05 Cookson et al.--

--20050031156 2/10/05 Rhoads--

Section 56, under Foreign Patent Documents, add the following references:

--WO0203328 1/10/02 WO--

--WO0175629 10/11/01 WO--

--WO0115021 3/1/01 WO--

--WO0106703 1/25/01 WO--

--WO0227600 4/4/02 WO--

--EP1117245 7/18/01 EP

Section 56, under Other Publications, add the following references:

--May 5, 2005, Amendment in 10/617,571 (published as 20050031156).--

--U.S. Pat. Appl. Ser. No. 60/000,442, Hudetz, filed June 20, 1995.--

--U.S. Pat Appl. Ser. No. 09/572,422, Rhoads et al., filed May 15, 2000.--

--U.S. Pat. Appl. Ser. No. 09/531,076, Rhoads et al., filed March 18, 2000.

--U.S. Pat. Appl. Ser. No. 09/562,517, Rhoads et al., filed May 1, 2000.

--Bender, Techniques for Data Hiding, SPIE Vol. 2420, pp. 164-173, 1995.--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

--Burgett et al, A Novel Method for Copyright Labeling Digitized Image Data, September, 1994.--

--Koch et al, Copyright Protection for Multimedia Data, Proc. Of the Int. Conf. On Digital Media and Electronic Publishing, Leeds, U.K., December, 1994.--

--Macq et al, Access-Control and Copyright Protection for Images, Workpackage 1: Access Control and Copyright Protection for Images Needs Evaluation, RACE Project M1005, June, 1995.--

--Macq et al, Cryptology for Digital TV Broadcasting, Proc. Of the IEEE, Vo. 83, No. 6, pp. 944-957, June, 1995.--

--Matsui et al, Video-Steganography: How to Secretly Embed a Signature in a Picture, Proc. Technological Strategies for Protecting Intellectual Property in the Networked Multimedia Environment, Vol. 1, issue 1, Jan, 1994, pp. 187-205.--

--Quisquater et al, Access Control and Copyright Protection for Images, Conditional Access and Copyright Protection Based on the Use of Trusted Third Parties, 1995, 43 pages.--

--Alattar, "'Smart Images' Using Digimarc's Watermarking Technology," SPIE, volume 3971, no. 25, 10 pages (2000).--

--Bender, "Applications for Data Hiding," IBM Systems Journal, Vol. 39, Nos. 38, pp. 547-568 (2000).--

Section 56, Page 1, column 2, change "Watermaking," to --Watermarking, "--.

Section 56, Page 2, column 1, change "4,677,435 A 6/1987 D'Agraives et al" to --4,677,435 A 6/1987 Causse D'Agraives et al.--.

Section 56, page 4, column 2, first Komatsu reference, change "Komarsu et al.," to --Komatsu et al.--.

Section 56, page 4, column 2, second Komatsu reference, change "Nov. 52, 1988," to No. 52, 1988, --.

Section 56, page 4, column 2, Kurak reference, change "Cautionary Not On" to --Cautionary Note On--.

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Section 56, page 5, column 1, Proceedings; "Technological..." reference, change "Program in Digital" to --Program on Digital--.

Section 56, page 5, column 1, Bruckstein reference, line 3, change "361-89, 1988." To --361 89, 1998.--.

Section 57 (Abstract), line 2, change "track are used" to --track can be used--.

Section 57 (Abstract), lines 6-9, delete "Each frame of a video signal may have one or more video objects. The auxiliary information is embedded in video or audio signals using "steganographic" methods, such as digital watermarks."

Section 57 (Abstract), line 17, after "artist, etc." insert the following: --In accordance with another aspect, a method of processing video content includes receiving video content (including picture element data and non-picture element data), reading certain of the non-picture element data, and checking information steganographically encoded in the picture data that is related to the read data for expected correspondence.--.

Column 1, line 6, change "COP of Ser. No. 09/408,902" to --CIP of Ser. No. 09/408,902--.

Column 2, line 60, change "the watermark operable" to --the watermark is operable--.

Column 4, line 60, change "allowing the view to" to --allowing the viewer to--.

Column 7, line 28, change "There a number" to --There are a number--.

Column 12, lines 1-2, change "actions and presented the" to --actions and present the--.

Column 12, line 18, change "is video player" to --is a video player--.

Column 12, line 55, change "also included decompressing" to --also include decompressing--.

Column 13, lines 38, change "with a location" to --with location--.

Column 15, line 48, change "has scene before" to --has seen before--.

Column 15, line 56, change "it filter the" to --it filters the--.

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Column 18, line 15, change "when its converted" to --when it's converted--.

Column 19, line 16, change "and his states" to --and his stats--.

Column 19, line 67, change "visit there site" to --visit their site--.

Column 23, Claim 14, lines 51-52, change "in the same frames of the video signal, and the watermark" to --in at least one same frame of the video signal and wherein the watermark--.

Column 23, Claim 20, line 32, change "associated with the vides" to --associated with the video--.

Column 23, Claim 22, line 39, change "graphically embed in" to --graphically embedded in--.

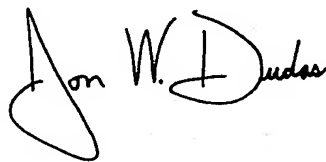
Column 23, Claim 22, line 40-41, change "for expeced correspondence" to --for expected correspondence--.

Column 23, Claim 22, line 41, change "associated informative conveyed" to --associated information conveyed--.

Column 23, Claim 23, line 47, change "cheking for a" to --checking for a--.

Signed and Sealed this

Seventeenth Day of October, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office